NC/QC/DD-W13/2019-20/WS-C2a

Date: 07-08-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Providing Borewell water pipe lines Water Supply works at ward no.13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Shettyhalli Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1.	001	10-07-19	07-08-19	28	22500	720	32.00	**32.30**
	002	"	"	"	"	735	32.67	
	003	"	"	"	"	725	32.22	

M.E, (Civil-Engg)

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Proprietor

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NC/QC/DD-W13/2019-20/WS-CB1a

Date: 07-08-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Providing Borewell water pipe lines Water Supply works at ward no.13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
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BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	10-07-19	07-08-19	28	22500	710	31.56	**32.07**
	002	"	"	"	"	725	32.22	
	003	"	"	"	"	730	32.44	

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NC/QC/DD-W13/2019-20/WS-CB2

Date: 17-07-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Providing Borewell water pipe lines Water Supply works at ward no.13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Shettyhalli Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	10-07-19	17-07-19	07	22500	555	24.67	24.96
	002	"	"	"	"	560	24.89	
	003	"	"	"	"	570	25.33	

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NC/QC/DD-W13/2019-20/WS -CB1

Date: 17-07-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Providing Borewell water pipe lines Water Supply works at ward no.13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Shettyhalli Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	10-07-19	17-07-19	07	22500	560	24.89	**24.52**
	002	"	"	"	"	545	24.22	
	003	"	"	"	"	550	24.44	

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NC/QC/DD-W13/2019-20/WS -CA1

Date: 08-07-2019

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.
{Project*: Providing Borewell water pipe lines Water Supply works at ward no.13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Shettyhalli Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL.

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	100.00	100.00	100.00
20 mm	98.35	85-100	90 - 100
10 mm	46.10	0 - 20	25 - 55
4.75 mm	7.40	0 - 5	0 - 10

TABLE 1.2 :

SL No	Test conducted	Results	Requirements as per IS:383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1.	Flakiness Index	22.90 %	Not to exceed 25 %
2.	Crushing value	29.70 %	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

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